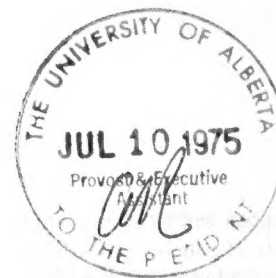


FOLIO



THE UNIVERSITY OF ALBERTA STAFF BULLETIN

EDMONTON, ALBERTA

JULY 10, 1975

FUNDING ENVIRONMENTAL RESEARCH

The Research Secretariat and the Alberta

Environmental Research Trust of the Department of Environment are two distinct funding agencies.

The Department of Environment Act for Alberta (Section 8) recognizes the need for and provides mechanisms by which environmental research may be carried out. The Research Secretariat was set up in the department to administer and co-ordinate research, as well as to encourage provincial expansion of applied research relative to the protection and maintenance of environmental quality. The Alberta Environmental Research Trust was established to, in part at least, support environmental research unlikely to receive funding through the normal research institutions or government agencies.

The Secretariat is the research management arm of the Alberta Department of Environment. It maintains a small staff of research scientists whose responsibility is to review and evaluate proposals for research grants, to provide a consultative service to the Department of Environment and to other Alberta government departments, and to industry and private consultants. After review, environmental research judged to fit the technical criteria developed under policy established by the Minister of Environment may be funded by contract or grant depending on the circumstances.

The Alberta Environmental Research Trust operates independently of the government, with decisions on disbursement of research grants being the sole responsibility of the Board of Trustees. While the objectives of the Research Secretariat and the Alberta Environmental Research Trust are similar, the two are entirely separate entities, serving different and distinct functions. The common bond of the Secretariat and the Alberta Environmental Research Trust is that the chairman of the Secretariat is secretary to the Alberta Environmental Research Trust, and that Secretariat scientists act as scientific advisers to the Board of Trustees.

The Alberta Environmental Research Trust does not fund any environmental research projects in government departments; the Research Secretariat may fund proposals originating from any sector. Applications for

funding should take into account the two potential sources of research support.

APPLICATIONS FOR FUNDING

Any person, institution, corporation, or society may apply for research funds. Because funds must be provided each year by the Legislature, applications should reach the Secretariat no later than July 1 for projects which will commence in the year following, in order to be included in department estimates.

Environmental research has been defined as: "Investigation of the actual or potential effects of man-induced change to the environmental system." Funds are not normally provided for research outside the province. Projects must have significance for Alberta, be generally short-term, and of an applied nature. Criteria used to evaluate feasibility of funding are listed in the following section. Occasionally, the Secretariat may solicit environmental research proposals for specific or urgent research needs of the Department of Environment or other departments or agencies of the Alberta government. All proposals must be clearly of an environmental nature.

REQUIREMENTS FOR RESEARCH PROPOSALS

Research proposals must meet certain criteria established by the Secretariat and the department before funds are provided. All projects are evaluated on the basis of research and policy criteria and research priorities, as outlined below. In addition, each application is to be submitted in the format as set out here.

All applicants are encouraged to contact the Secretariat for information before making submissions for research funding. Secretariat staff offer a consultative service to all applicants, as an aid to meeting funding requirements.

RESEARCH CRITERIA

Technical criteria apply to issues which must be addressed in proposals; there are two aspects—quality and feasibility.

Project quality

1. Scientific soundness
2. Competence of researchers
3. Demonstrated knowledge of relevant disciplines
4. Demonstrated need for the research
5. Potential benefit/cost ratio
6. Involvement of new or unique theory or techniques

Project feasibility

1. Application of research to Alberta problems
2. Identification of a conceptual model
3. Identification of knowledge gaps
4. Acceptable theory and method for the research
5. Availability of human and technical resources
6. Project cost
7. Availability of funds in the Research Secretariat and divisions within the department

POLICY REQUIREMENTS

Policy criteria apply to the perceived needs of the Alberta Department of Environment or other Alberta government departments, within priorities set forth by the Minister of Environment for Alberta.

Project criteria

1. Immediacy or long-term nature of the research
2. Relationship of research to Alberta environmental management policies
3. Whether proposal is from public or private sector
4. Whether documentation is available concerning related work
5. Whether alternative funding is possible

RESEARCH PRIORITIES

As well as technical and policy criteria, research proposals are required to satisfy one or more of the priorities recognized by the Alberta Department of Environment. Research priorities are based in general on three elements: 1. identified public needs; 2. scientific credibility; 3. economic feasibility. Stated specifically below are priorities for environmental research based in part on requirements identified from public inputs to the Science Advisory Committee to the Environment Conservation Authority and in part on priorities already established in the Alberta Department of Environment.

Funding of environmental research proposals will generally be approved within the priority associated with the following environmental actions: soil, water, and air pollution; domestic sewage disposal; recycling and reclamation; land use; and urban and rural life quality.

If research proposals meet the criteria for acceptance with and in accordance with established priorities, then funding may be authorized within budget limitations. Normally

an agreement will be signed between The University of Alberta, through the person receiving the funds, and the Minister or his designate.

Note: At least 10 days before the deadline date all such applications shall be forwarded, after being signed by the Research Director, the Chairman of the Department, and receiving the approval of the Dean of the Faculty where required, to the Research Grants and Contracts Office for registration and review. After

processing, the application will be forwarded via the University's mail service directly to the Chairman, Research Secretariat, Alberta Environment, Milner Building, 10040 104 Street, Edmonton, Alberta T5J 0Z6. An extra copy of the application should be included, marked: "Copy for RGO." The Research Director is requested to retain one copy of the application for his own use. Further information may be obtained from the Research Grants and Contracts Office, 432-5360.

**ALBERTA ENVIRONMENT
RESEARCH SECRETARIAT—RESEARCH FUNDING APPLICATION**

Suggested format:

1. Name(s):
Address and telephone number:
2. Project title (short):
3. Objectives:
4. Abstract:
5. Proposed starting date: Estimated completion date:
6. Estimated budget — (by year if more than one)
(include salaries, equipment, travel expense, overhead, etc.)
7. Conditions of funding

I hereby certify that the total estimated expenditure will be incurred on this research project; that my estimated budget is considered reasonable to perform the research contained in my proposal; that I agree to accept the following conditions if a grant should be awarded:

- (a) provide the Secretariat with a report embodying the research results;
- (b) provide the Secretariat with an audited statement of expenditures on the project;
- (c) accept the terms of payment as determined by the Secretariat;
- (d) share with the Alberta Environmental Research Trust all proceeds resulting from a licence or patent arising from this funded research project:
 - (i) 95 percent to the applicant;
 - (ii) 5 percent to the Trust.
- (e) return all funds to the Secretariat which are not expended within the duration of the project.

Research Director

Department Chairman

Dean of Faculty
(where required)

For the President,
Dean of Graduate Studies and Research

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**FIW PLANNED
WITH ENTHUSIASM**

To help combat the confusion, apprehension, and loneliness often experienced by first-year University students every September, the Students' Union has for several years sponsored Freshman Introduction Week (FIW). It is a week of social, recreational, and informational programs and activities, with the emphasis on fun.

Most of the work of FIW will be done in the summer months before the week itself, September 2 through 6. Besides planning events for every day and evening of the week, there is much to be done in the way of publicity and promotion. There will be a mass mail-out of information to every freshman registered which, besides listing the various activities and events, will contain information designed to assist the freshman with registration, orient him to various facets of University organization, and generally provide him with much of the information he will need for the week and the year ahead.

Besides this, the committee will use press and radio publicity immediately prior to and during the week itself to encourage participation and let the Edmonton public know what is happening on the campus. Of course there will also be posters outlining current activities.

The activities planned for the week itself include: a beer garden on the quad daily, with entertainment, contests and the offer of a generally good time; various races, games, and stunts staged on quad by teams of interested volunteers (the committee hopes to involve many local media personalities in grudge matches etc.); a concert in either the Students' Union Theatre or the Jubilee Auditorium; socials and dances, both indoors and outdoors; and anything else that might occur to the committee during its brainstorming sessions.

Besides the strictly recreational events, FIW will set up information booths in SUB and around the campus providing both assistance with registration and information on the various organizations such as the fraternities and clubs.

Every year FIW has a theme, and this year the theme is "Curricula." All events and activities will be described as courses in the FIW Calendar, with degrees being granted to the winners, etc., at a Convocation. For example, a freshman at the beer gardens could be attending his first class in Fluid Dynamics 205.

All in all, Freshman Introduction Week promises to be bigger and better than ever. The committee would like to see a number of people from all sections of the campus

community and the public involved.

Those interested should contact Fred Reid at the FIW office, 271 Students' Union Building, 432-5166 or 432-4241.

VISITORS

- J.L. Kisabeth, Texas A and M University, College Station, Texas, conducted a geophysics seminar in the Department of Physics.
- J.L. Fuller, Chairman, Department of Psychology, State University of New York at Binghamton, conducted a series of seminars in the Centre for Advanced Study in Theoretical Psychology.

PEOPLE

- Two members of the Department of Chemical Engineering, Professors D.G. Fisher and F.D. Otto, have been elected to the rank of Fellow of the Chemical Institute of Canada.
- Henry Hodysh, Associate Professor of Educational Foundations and Assistant Dean of Education, has been awarded a Canada Council research grant for a study of the history of education in Poland.
- J.J. LaFollette, Associate Professor of Secondary Education, made a presentation at the annual conference of the Association for Media and Technology in Education in Canada held in Calgary June 15 to 18.
- Lloyd Grisdale, Associate Dean of Medicine, has been installed as President of the Canadian Medical Association (CMA). Dr. Grisdale served on the CMA board from 1968 to 1971 and again in 1974.
- Richard Frucht, Associate Professor of Anthropology, has been elected Vice-President for Anthropology for the Canadian Sociology and Anthropology Association. He has also been invited to present a paper on his West Indian research before the International Sociology Association Seminar on Family and Kinship Research in Latin America and the Caribbean, in Curacao, Netherlands West Indies, this summer.
- P.M. Dranchuk, Professor of Petroleum Engineering in the Department of Mineral Engineering, recently returned from a visit to Nigeria where he served as external examiner in Petroleum Engineering at the University of Ibadan. He also visited the Petroleum Training Institute at Warri, Nigeria, and the Department of Petroleum Engineering at the University of Cairo in the United Arab Republic.

NOTICES

PLANT SCIENCE TO HOLD FIELD DAY

The Department of Plant Science will be holding a Field Day July 23 at Parkland Farm, 72 Avenue and 114 Street.

The program will begin at 10 a.m. with complimentary coffee followed by welcoming remarks from W.H. Vanden Born, Chairman of the department. There will be slide-illustrated presentations on "Feed wheats for Alberta" by K.G. Briggs; "Wild oats" by P.A. O'Sullivan and Dr. Vanden Born; and "Controlled environment studies in horticultural crops" by E.W. Toop.

Lunch will be available on the site or visitors may bring their own. During the afternoon there will be plot tours at both Parkland and Ellerslie Farms.

Further information may be obtained from Z. Kondra, Associate Professor of Plant Science, 432-1328.

ART EXHIBITION PART OF BANFF FESTIVAL

A Faculty of Art Exhibition will be one of the highlights of this year's Banff Festival of the Arts. It will be held in the Peter Whyte Gallery and will be opened by Muriel Kovitz, Chancellor of The University of Calgary, August 1.

The exhibition will include not only painting and drawing, but also photography, ceramics, and weaving displays. Exhibitors are faculty members from Canada and abroad who are widely recognized for their accomplishments. Each will exhibit one or two large works.

The Peter Whyte Gallery has also scheduled an H.G. Glyde Retrospective exhibition of painting, drawing, and water-colors, commencing August 15.

THIS WEEK AND NEXT

Listings must reach the Editor by 9 a.m. the Friday prior to publication. Written notification is preferred. Compiled by Arlene Holberton, 432-4991.

10 JULY, THURSDAY

Edugraphic Conference (highlights)

8:50 a.m. "Design and semiotics" by Luc Vanmalderen.

10 a.m. "Information design without ideological bias" by Horst Heiderhoff.

11:15 a.m. "Bauhaus and after in Chicago" by Robert A. Manning.

5:30 p.m. Slide presentation on Polish design by Szymon Bojko.

8:15 p.m. "Image and content" by E. Heistand and U. Fanger.

9:15 p.m. "Design for the Osaka fair" by Katsumi Masaru.

All the above in the Audiovisual Theatre, Humanities Centre.

Gallery Cinema

7:30 p.m. *Outback* directed by Ted Kotcheff, with Donald Pleasence and Gary Bond (Australia, 1971). Restricted Adult. Downstairs, Edmonton Art Gallery. Admission \$2.

11 JULY, FRIDAY

Edugraphic Conference (highlights)

8:50 a.m. "Image research" by Claude Cossette.

10 a.m. "Mass communication in southeast Asia" by Lakshman Rao.

11:15 a.m. "Environmental educational project for high schools" by the Cranbrook College team.

5:30 p.m. Slide presentation on design in Yugoslavia by S. Masic.

6 p.m. Showslide project by Ed Bedno.

All the above in the Audiovisual Theatre, Humanities Centre.

8:30 p.m. Barbecue in the country.

Faculty Club

Downstairs. "Inflation fighter barbecue." Seven ounce steaks \$4.95; chicken \$2.95; hamburgers \$2.25.

Upstairs. Regular dinner menu. Reservations required.

Student Cinema

8 p.m. *The Last Tango in Paris*, 129 minutes. Directed by Bernardo Bertolucci, with Marlon Brando and Maria Schneider. Students' Union Theatre. Admission \$1.50 at the door.

Folk Dances of India

8 p.m. The Hindu Society presents ten girls from India. Provincial Museum, 12845 102 Avenue. Admission \$2 at the door. For information call 487-3545.

12 JULY, SATURDAY

Edugraphic Conference (highlights)

10 a.m. Continuous film projections (National Film Board).

2:30 p.m. Moderators' reports. Audiovisual Theatre, Humanities Centre.

5 p.m. Summing up and closing.

Faculty Club

Downstairs. Lamb shishkebob, buffet. \$3.25.

Upstairs. Regular dinner menu. Reservations required. Entertainment by Cameron & Co.

L'Alliance Francaise d'Edmonton

Soirée dansante pour fête le 14 juillet. (Les lieux ne sont pas encore connus.) Collège Universitaire Saint-Jean, 8406 91e rue.

13 JULY, SUNDAY

Gallery Cinema

2 p.m. *200 Motels* directed by Frank Zappa and Tony Palmer, with Frank Zappa, Mothers of Invention and Ringo Starr (Great Britain, 1971). Restricted adult. Warning, language may be objectionable to some. Downstairs, Edmonton Art Gallery. Admission \$2.

Television Program 'In Touch with U'

And every Sunday. 5 p.m. A program to introduce the University to the community at large. CITV channel 13, cable 8.

14 JULY, MONDAY

Faculty Club

Until 16 July, Wednesday. Main dining room and kitchen closed for floor repairs.

University Chaplaincy Film Series

8 p.m. *Bless the Beasts and Children.* Discussion theme: "The cost of masculinity." Coffee and discussion following the film. Students' Union Theatre. Admission \$1.50 at the door.

16 JULY, WEDNESDAY

Transcendental Meditation

12 noon. Introductory lectures every Wednesday during Summer Session. 104 Students' Union Building. Sponsored by Students' International Meditation Society, 423-4126.

Faculty Club

Downstairs. "Family night." Chicken drumsticks, chocolate mint roll. Adults \$2.75, children \$1.50. Entertainment by the Magical Clown.

German Film

7:30 p.m. *Die Meistersinger* (Filmlänge: 5 Stunden). 17 Arts Building. Admission free.

Gallery Cinema

7:30 p.m. *Black Girl* directed by Ousmane Sembene (Senegal, 1965). Alberta premiere. Program includes *Borom Sarret*, a 20-minute short by Sembene. Downstairs, Edmonton Art Gallery. Admission \$2.

Student Cinema

8 p.m. *Roma*, 117 minutes. Directed by Federico Fellini. Students' Union Theatre. Admission \$1.50 at the door.

17 JULY, THURSDAY

Gallery Cinema

7:30 p.m. *Kes* directed by Kenneth Loach, with David Bradley (Great Britain, 1970). Adult. Downstairs, Edmonton Art Gallery. Admission \$2.

18 JULY, FRIDAY

Faculty Club

Downstairs. "Taco night." Tacos, gaspacho salad, Mexican flans, \$3.75. Margueritas \$1.50, sangria 90 cents.

Upstairs. Lobster (price uncertain, should be \$10). Also regular dinner menu. Reservations required.

Student Cinema

8 p.m. *The Great Gatsby*, 146 minutes. Directed by Jack Clayton, with Robert Redford, Mia Farrow and Karen Black. Students' Union Theatre. Admission \$1.50 at the door.

19 JULY, SATURDAY

Faculty Club

Downstairs. 10 a.m. to 2 p.m. "Klondike breakfast." Bacon, scrambled eggs, hot cakes, sausages, orange juice, fruit tray. Adults \$2.50, children \$1.75. Bloody Marys and Wallbangers, \$1.50. Entertainment by Harry Farmer.

20 JULY, SUNDAY

Gallery Cinema

2 p.m. *Soldier of Fortune* directed by Edward Dmytryk, with Clark Gable, Susan Hayward, Michael Rennie and Gene Barry (USA, 1955). Downstairs, Edmonton Art Gallery. Admission \$2.

EXHIBITIONS AND PLAYS

Edugraphic Conference Exhibitions

Until 12 July

Foyer, Humanities Centre. "Student design work from schools of many countries." "Atlas Alberta." "Information Canada." "Metric posters."

Second floor, Humanities Centre. "Language made visible."

University Art Gallery. "Eskimo sculpture and prints." "Work by students and staff of the Printmaking Division of the Department of Art and Design."

Rutherford Library. "The look of books 1974." *Galleria between Rutherford South and Rutherford North.* "Work by members of the Society of Graphic Designers of Canada and the Société des Graphistes du Québec." "Design for educational institutions." "Thirty posters by well known Dutch designers."

Botanic Garden and Field Laboratory

The Botanic Garden and Field Laboratory is open to the public every Saturday, Sunday, and public holiday between the hours of 1 and 6 p.m. It is located six miles west on Highway 16 and then nine miles south on Highway 60 (three miles north of Devon). The north gate should be used. The following bulbous and herbaceous plants are normally in

flower at this time of year: *Paeonia*; *Hermerocallis* (daylily); *Lilium*; *Papaver* (poppy); *Cactus*; *Dianthus*; *Trollius*; *Meconopsis* (blue poppy); *Monarda* (bee balm); *Allium*.

Old Strathcona

15 to 31 July. Caravan exhibits on the RCMP, toys, and ethnic cultures. Sponsored by the Devonian Foundation. Daily from 2 to 9 p.m. West of Connaught Armoury, at 85 Avenue and 104 Street.

Until 31 August. Audiovisual explorations of the early cultural, social, industrial and agricultural history of Strathcona. Sponsored by the Strathcona Historical Group. Open daily from 2 p.m.; closed Sundays and Mondays.

Edmonton Art Gallery

Throughout the summer. The Gallery's Summer Exhibition. Works drawn from the Permanent Collection and from the MacAulay, Scrymgeour, and other private collections. There will also be a small exhibition of works with a Western theme as a contribution to Klondike Days.

11 July to 31 August. "An exhibition of decadence: the works of Dutch painter Kees Van Dongen," and "The history of ceramics in Alberta."

Rutherford House

Throughout the summer. Daily from 10 a.m. to 8 p.m. The refurbished home of Alberta's first Premier. 11153 Saskatchewan Drive. Admission free.

Provincial Museum

Until 24 July. "Canadian nature art 74." An

folio accepts display advertising

Size and rates: the basic unit size is 3¼" x 2½". The full page is divided into 9 such units, any combination of which is available at a cost of \$20 per unit. Half pages, and professional/business display size (2½" x 1½") also are available. Discounts are offered for extended runs; please enquire. *Contact:* David C. Norwood, 325 Assiniboia Hall, The University of Alberta; telephone 432-4991.

- exhibition of paintings and drawings by the best nature artists from across Canada.
- 12845 102 Avenue, Feature Gallery number 2. *Until 2 September.* "Craft carousel." Daily historic craft demonstrations such as quilting, rug-hooking, weaving, etc. From 1:30 to 3:30 p.m. weekdays and from 1:30 to 4:30 p.m. weekends. 12845 102 Avenue, Feature Gallery number 3.

- Alberta Barter Theatre**
Performances Thursday, Friday, Saturday, and Sunday. Until 13 July. Curtain time:
 - 9 p.m. *Come Blow Your Horn*, directed by Larry Kadlec, with Rick Stojan, Larry Reese, Marty Fishman, Theresa Krygier and Pauline Le Bel.
 - 17 to 26 July. *Gaslight* or *Angel Street*, by Patrick Hamilton, directed by John Terfloth with Richard Davison, Rick Stojan and Kathie Ball. Torches Theatre, Corbett Hall. Admission \$2, or goods to that value for barter.

- Northern Light Theatre**
 - Until 25 July.* Curtain time: 12:10 p.m. Extra showing at 1:15 p.m. Wednesday, Thursday and Friday. *Review Sketches* by Harold Pinter. Edmonton Art Gallery, downstairs. Admission \$1.50. Food can be purchased in the lobby
 - courtesy of the Hot Box Restaurant.

- Prestige Productions**
 - Until 26 July.* Curtain time: 8 p.m. The classic melodrama *The Drunkard* or *The Fallen Saved*, directed by Jack McCreath, sets by Phil and Alice Switzer. This will be an evening of fun and hoopla, with refreshments and a Klondike sing-song after the show. Centennial Library Theatre. Tickets from Mike's. 424-8911, 429-0848.

POSITIONS VACANT

ACADEMIC POSITIONS

- Administrative Officer**
 - Department of Computing Science**
A professional computing scientist is required to assist the chairman in supervision, planning, and budgeting for the department. *Duties:* include supervision of office personnel, computer laboratories, and their support personnel; computerization of department operations; development of laboratory facilities; some teaching. *Salary and rank:* commensurate with experience. *Apply to:* Dr. A. Wouk, Chairman, Department of Computing Science, General Services Building, The University of Alberta. The position is to be filled by September 30, 1975.
- Administrative Officer I**
 - Editor, University Press**
Duties: compiling author/publisher contracts, costing and pricing books, editing manuscripts, co-ordinating production and distribution, supervising rights and permissions; formulating and controlling budget; assessing royalty payments, etc.; acting as secretary to the University Press Committee. *Qualifications:* at least five years' experience in general book publishing.

Salary range: \$11,551 to \$14,271. *Apply to:* Chairman, University Press Committee, 029 Cameron Library, The University of Alberta, Edmonton, Alberta.

NON-ACADEMIC STAFF

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, 121 Administration Building, telephone 432-5201. Please do not contact the department directly.

Clerk Typist I (\$467-\$576)—University Health Service
 Clerk Typist II (trust) (\$505-\$627)—Faculty of Pharmacy and Pharmaceutical Sciences
 Clerk Typist II (\$505-\$627)—Office of the Registrar: Faculty of Graduate Studies and Research; Animal Science; Student Awards Office; Provincial Laboratory; Business Administration and Commerce; Computing Services (Operations); Computing Services (Systems); Plant Science; Central Stores
 Clerk Typist III (\$576-\$713)—Computing Science
 Clerk Steno I (\$485-\$599)—Audiovisual Media Centre
 Clerk Steno II (\$527-\$653)—Institute of Law Research and Reform; Division of Field Experience; Department of Economics; Business Administration and Commerce
 Clerk Steno III (\$599-\$744)—School of Rehabilitation Medicine; Extension; Physics; Office of the President; Art and Design; Genetics; Faculty of Law; Mechanical Engineering; Chemical Engineering; University Health Service
 Medical Steno (\$683-\$853)—Medicine
 Secretary (\$683-\$853)—Office of the Vice-President; Medicine; Collège Universitaire Saint-Jean
 Bookstore Cashier (\$505-\$627)—Bookstore
 Library Clerk II (\$527-\$653)—Extension Library
 Data Entry Operator I (\$599-\$744)—Computing Services
 Technician II - III (Metallographic) (\$814-\$1,171)—Mineral Engineering
 Engineering Technologist IV (\$1,171-\$1,474)—Physical Plant
 Laboratory Assistant I (part-time) (\$235-\$288)—Microbiology
 Technologist I (\$814-\$1,020)—Household Economics
 Storeman I (part-time) (\$432-\$535)—Art and Design
 Assistant Control Clerk I (\$467-\$576)—Computing Services
 Curriculum Technician I-II (\$713-\$891)—Audiovisual Media Centre
 Civil Engineering Technician I (\$713-\$891)—Civil Engineering
 Decontamination Service Worker I (\$683-\$853)—Radiation Control
 Decontamination Service Worker II (\$853-\$1,068)—Radiation Control
 Technician I (trust) (\$700-\$800)—Mechanical Engineering
 Instrument Repair Technician I (\$713-\$891)—Technical Services
 Accounts Clerk III (\$814-\$1,020)—Office of the Comptroller
 Accounts Clerk II (\$653-\$814)—Office of the Comptroller
 Design Engineer (trust) (\$12,000-\$16,000/year)—Physics (Nuclear Research)
 Computer Assistant I (\$527-\$653)—Computing Services
 Technologist I (\$814-\$1,020)—Pathology
 Analyst (\$1,171-\$1,474)—Computing Services
 Laboratory Technologist III (\$975-\$1,225)—Provincial Laboratory
 Laboratory Assistant III (trust) (\$600-\$750)—Medicine
 Administrative Assistant (\$932-\$1,171)—Mathematics
 Student Record Processing Clerk (\$627-\$779)—Faculty of Education; Office of the Registrar (2 positions)

The following is a list of currently available positions in the University Library. The bulletin board postings in the Library Personnel Office, 516 Cameron Library

should be consulted for further information as to position requirements and availability.

Library Assistant II (\$713-\$891)—Cataloguing; Education
 Library Assistant III (\$814-\$1,020)—Acquisitions
 Library Clerk II (\$527-\$653)—Reference
 Library Assistant I (\$627-\$779)—Government Publications

OFF-CAMPUS POSITIONS

Asian Institute of Technology Bangkok, Thailand

Applications are invited for appointments in the following listed areas of specialization. Appointees will be responsible for teaching graduate courses, supervising student research, and developing research in their own areas of specialization. Rank will depend on qualifications and experience. This is an international institution with an enrolment of 360 students from more than 20 countries. It is independent but receives strong financial support from governments, foundations, and business. *Director of the Library and Information Centre.* The appointee will be responsible to the Vice-President and Provost. There are 21 staff members. The collection numbers 60,000 volumes and some 1,500 journal titles. Candidates should have a master's degree or equivalent in library science or documentation or information science. They should also have had a minimum of five years' administrative experience. *Positions also available in:* Environmental Engineering, Water Resources Engineering, Structural Engineering, Geotechnical Engineering, Engineering Geology, Agricultural Engineering, Rural Planning, Industrial Engineering and Management, Transport, Airphoto Interpretation, Computer Applications, Economics, Statistics, Systems Engineering. *Apply to:* The Vice-President and Provost, Asian Institute of Technology, PO Box 2754, Bangkok, Thailand.

arts and crafts centre



Summer Session, Arts and Crafts classes:
July 14 to August 22.

Courses: beginning ceramics; intermediate ceramics; floor loom; table loom; primitive weaving; macramé; batik.

Registration: Students' Union Craft Shop, east hallway, Students' Union Building.

Registration times: 3-6:30 p.m. Monday through Friday until July 11. Registrations also will be accepted by mail.

Further information: 432-4547.

PERSONAL NOTICES

All advertisements must be received by 9 a.m. the Friday prior to publication. Rate is 15 cents per word for the first week, and 5 cents per word for subsequent weeks ordered before the next deadline. Minimum charge is \$1. Ads must be paid in advance. We regret that no ads can be taken over the telephone. For order forms or further information, telephone 432-4991.

Accommodation available

For sale—Aspen Gardens: 4-bedroom, 4-level split. One full, two half baths. Family room. Excellent paint, rugs. Open basement. Private patio, landscaped yard. \$69,900, large mortgage. August possession. Must be sold. By owner. 435-5282.

Thinking of selling your home? Today's real estate market fluctuates. Make sure you receive top value. Call a professional. Call Ross Lizotte, Buxton Real Estate Ltd. 436-1140, 426-5880 extension 990.

For sale—3½ acres overlooking Saskatchewan River. 1½-year-old 4-bedroom house, 3 baths, broadloom, fireplaces, terraces and patio, 1,800 square feet, attached garage, 13 miles from campus. Owner can finance mortgage. 487-9156.

For rent—Furnished 3-bedroom condominium, 20 minutes from University, available September 1. 467-3627.

For rent—Large fully-furnished new house facing river valley in Brander Gardens. Asking \$475/month. Available end August for approximately nine months on a lease basis. 432-4565, 434-5352.

For sale—Aspen Gardens bungalow, 3 bedrooms, family room, dining room, double garage, professionally landscaped. 435-3072.

For rent—Three-bedroom house with double garage in a new district close to Fort Road. Available August 30. Rent \$400. Contact Indus Tours 429-1079.

For rent—Three-bedroom house with additional large basement room, 1½ baths, fridge, stove, drapes; close to elementary, junior, senior schools, and shopping centre, in Londonderry. Rent \$400. Contact Bimal, c/o Indus Tours, 429-1079.

For sale—Grandin Park, St. Albert. Beautiful 3-bedroom bungalow, 1,385 sq. ft., 1½ baths, open beam, patio, double garage. \$67,900. 459-4250.

For rent—Lendrum, 3-bedroom bungalow, reverse floor plan; well-treed fenced yard, large pie-shaped lot; 4 appliances, 1½ baths, finished basement, double front-drive garage. Available August 1. \$400/month (2-year lease discount). 435-7542.

For rent—Furnished 3-bedroom home in Aspen Gardens. August 1-15, 1975 until December 30, 1975. \$325/month. 435-1220.

For rent—Sherwood Park, August 15, 1975-August 31, 1976: 3-bedroom home, major appliances. \$325. 432-5874, evenings 467-6203.

For rent by professor leaving on sabbatical. Furnished one-bedroom apartment. August 1, 1975-July 1, 1976. 433-9818. Right on campus. Ideal for visiting professor. \$250/month.

For rent—3-bedroom split-level. Garage. Fireplace. Den. Two years. St. Albert. 459-7652.

For rent—Furnished 3-bedroom house, Greenfields. Finished basement. One-year lease, monthly thereafter. 434-9339.

For sale by owner—Petrolia, 2-storey, 3-bedrooms, one full and two ½ baths, finished basement, attached garage, attractive garden, close to bus, shopping, schools, swimming pool. 432-4119, 434-8348.

Accommodation wanted

Wanted to rent—Mature couple and 2 well-mannered dogs desire one or two-bedroom furnished home or apartment. Approximately August 18, 1975-May 30, 1976. Nonsmokers. Wife will attend University of Alberta. References. Mrs. Norma Cutrer, School of Music, Louisiana State University, Baton Rouge, La., USA 70806.

Wanted to rent—Visiting faculty member and family (two small children) desire 2/3-bedroom house (or duplex) near campus or on bus line. Lloyd Eggan, RR1, Box 157A, St. Ignatius, Montana, USA 59865. Call collect (406) 644-2836 or 432-3307, Pat Brunel.

Automobiles and accessories

For sale—1970 Cutlass, 4-door, V8, power, air conditioning, radio, original owner. 435-2330.

For sale—1969 Austin Mini, Auto. Good condition. 432-4108, days; 488-0066 evenings.

Goods and services

Plumbing—For free estimates on basement bathrooms, repairs, alterations etc. call 465-7079 anytime.

HUB Beauty Salon—telephone 433-0240. Winner of award. \$40 perms now \$25. HUB mall.

Typing done—Fast, efficient service. Georgina Campbell, 489-4810 evenings.

For sale—Antiques from England, dining tables, chairs, buffets, display cabinets, bookcases, loo tables, clocks, lamps, brass, copper, porcelain, glass, curios. Mary Goulden Antiques, Horsehill Hall, 5 miles north on Highway 15, then 1½ miles east. Open 1-6 including weekends.

Hauling—Light moving and hauling evenings, weekends. 475-3504 evenings.

Come camping up Alaska Highway! Sail beautiful Inside Passage! All meals and equipment provided. 22 days for \$419. Telephone 439-0756, 426-1125.

For sale—Garage heater, 18,000 BTU. Like new. \$25. 432-5550.

For sale—Antique pink velvet chaise lounge. 432-4108 days; 488-0066 evenings.

Wanted—Motorboat to rent on occasional days or weekend for water-skiing. Contact Dr. Tony Russell, 432-6296 or 436-0423.

For sale—Dining room suite, \$150; wall mount record player-radio, \$50; B/W television, \$20; humidifier, \$45; four-drawer wooden file cabinet, \$30; Linden tree, \$25; metal clothes rack, \$5. Phone Tom 432-5427.

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